जिल्हा रुग्णालय, सातारा येथील नव्याने होत असलेल्या कॅथलॅब करिता उद्वाहक यंत्रणा, विद्युत पुरवठा कामाचे अंदाजपत्रकास प्रशासकीय मान्यता देण्याबाबत.

महाराष्ट्र शासन

सार्वजनिक आरोग्य विभाग

शासन निर्णय, क्रमांकः प्रशामा २०२५/प्र.क्र.१३३/पासु-२(ई-फाईल क्र.११६३५९८)

१० वा मजला, संकुल इमारत,
जी.टी. रुग्णालय आवार, मुंबई - ४०० ००१.
दिनांक : १२ जून, २०२५.

वाचा :

सहसंचालक आरोग्य सेवा, रुग्णालये राज्यस्तर मुंबई यांचे पत्र क्रमांक : आआसे/कक्ष-३ /टे.५/साताराकार्डीयाकॅथलॅब/७७५७-५८/२५, दिनांक ११/०६/२०२५.

प्रस्तावना :

जिल्हा रुग्णालय, सातारा येथील नव्याने होत असलेल्या कॅथलॅब करिता उद्वाहक यंत्रणा, विद्युत पुरवठा करिता एकुण रु. ७१,५८,५३५/- इतक्या रक्कमेच्या अंदाजपत्रकास प्रशासकीय मान्यता देण्याचा प्रस्ताव शासनाच्या विचाराधीन होता.

शासन निर्णय :

जिल्हा रुग्णालय, सातारा येथील नव्याने होत असलेल्या कॅथलॅब करिता उद्वाहक यंत्रणा, विद्युत पुरवठा कामाचे अंदाजपत्रक सन २०२२-२३ च्या दरसूचीवर आधारित आहे. सदर अंदाजपत्रक कार्यकारी अभियंता,सार्वजनिक बांधकाम विभाग विद्युत विभाग, कोल्हापूर यांनी तयार केले असून अधिक्षक अभियंता(विद्युत), सार्वजनिक बांधकाम विद्युत मंडळ, पुणे; मुख्य अभियंता,सार्वजनिक बांधकाम विभाग, पुणे व जिल्हा शल्य चिकित्सक, सातारा यांनी प्रमाणित केले आहे. त्यानुसार एकुण रु. ७१,५८,५३५/- इतक्या किंमतीच्या अंदाजपत्रकास सोबत जोडण्यात आलेल्या Recapitulation sheet प्रमाणे खालील अटी व शर्तीच्या अधिन राहून या शासन निर्णयान्वये प्रशासकीय मान्यता देण्यात येत आहे.

२) अटी व शर्ती :-

१) सदर काम करण्यापूर्वी विदयुतीकरणाच्या कामासाठी मुख्य अभियंता (विदयुत) व स्थापत्यांच्या कामासाठी मुख्य अभियंता (स्थापत्य) यांची तांत्रिक मंजुर घेण्यात यावी.

२) कामासाठी निविदा मागविण्यापूर्वी सदर कामास मुख्य अभियंता, सार्वजनिक बांधकाम विभाग यांची तांत्रिक मंजुरी घेणे आवश्यक राहील.

३) सदर कामासाठी उपलब्ध होणाऱ्या नियतव्ययामधून सदर कामास निधी उपलब्ध करुन देण्याच्या अटीच्या अधिन राहून प्रशासकीय मान्यता देण्यात येत आहे.

४) सदर कामाची ई-निविदा करतांना कामाचे तुकडे न करता एकत्रित निविदा करण्यात यावी.

५) कामासाठीच्या जागेची उपलब्धता, योग्यता व जागा पुरेशी आहे किंवा नाही याबाबतची खात्री संबंधित आरोग्य संस्था प्रमुखांनी करावी.

६) क्षेत्रिय जागेच्या परिस्थितीनुसार व आरोग्य संस्थांच्या आवश्यकतेनुसार प्रस्तावित कामाच्या किंमतीमध्ये अनावश्यक वाढ करण्यात येवू नये.

७) सदरचे अंदाजपत्रक हे ढोबळ नमुना अंदाजपत्रक असल्याने, या कामांच्या सविस्तर अंदाजपत्रकांना तांत्रिकदृष्ट्या मान्यता ही सार्वजनिक बांधकाम खात्याच्या त्यात्या-क्षेत्राच्या सक्षम अधिकाऱ्यांकडून करण्यात येईल.

८) स्थानिक ग्रामीण नगर विकास संस्थेच्या संबंधित नियमानुसार बांधकाम परवानगी तसेच भोगवटा प्रमाणपत्र मिळविण्याची जबाबदारी सार्वजनिक बांधकाम विभाग यांची राहील.

९) प्रत्यक्ष काम करतेवेळी पर्यावरण विभाग, शासन निर्णय क्र. इएनव्ही-२०१३/प्र.क्र.१७७/ तां.क.१ दि. १० जानेवारी,२०१४ मध्ये उल्लेख करण्यात आलेल्या मार्गदर्शक तत्वांनुसार कार्यवाही करण्यात यावी.

१०) केंद्र शासनाकडून निर्गमित IPHS च्या २०२२ च्या मार्गदर्शक सुनचांनुसार अंदाजपत्रकामध्ये सुधारणा समाविष्ट करुन प्रशासकीय मान्यतेच्या किंमतीच्या मर्यादेत राहून इमारतीचे बांधकाम करण्यात यावे.

११) प्रस्तावित करण्यात आलेल्या इमारतीचे जोते क्षेत्रफळ व शासकीय इमारती यांच्या अनुज्ञेय मानकाप्रमाणे असल्याची खातरजमा करण्यात यावी.

१२) क्षेत्रियस्तरावर सदर बांधकामाचा संबंधित उपसंचालक आरोग्य सेवा व जिल्हा शल्य चिकित्सक यांनी वेळोवेळी आढावा घ्यावा.

१३) सार्वजनिक बांधकाम विभाग, शासन निर्णय क्र.बीडीजी२०१७/प्र.क्र.६०/इमा-२, दि.०७.०७.२०१७ अन्वये कार्यवाही करावी.

१४) नियोजित जागा उपभोक्ता विभागाच्या ताब्यात असल्याचे प्रमाणपत्र प्राप्त करुनच सदर कामाच्या निविदा सुचना प्रसिध्द करण्यात याव्यात.

३. उपरोक्त १ ते १४ येथे नमूद अटींची पूर्तता करण्याची संपूर्ण जबाबदारी संबंधित कार्यकारी अभियंता, सार्वजनिक बांधकाम विभाग व जिल्हा शल्य चिकित्सक यांची राहील.

४. सदर बांधकामावरील खर्च मागणी क्रमांक- एच-८, मुख्यलेखाशिर्ष "४२१०- वैद्यकीय सेवा व सार्वजनिक आरोग्य यावरील भांडवली खर्च, ०१- नागरी आरोग्य सेवा (वैद्यकीय सहाय),११०-

रुग्णालये व दवाखाने, (१)(अ)- पंचवार्षिक योजनांतर्गत योजना-इमारती, (००)(०१)-मोठी बांधकामे (४२१० ००१४), ५३-मोठी बांधकामे" याखाली भागविण्यात येईल.

५. जिल्हा रुग्णालय, सातारा येथील नव्याने होत असलेल्या कॅथलॅब करिता उद्वाहक यंत्रणा, विद्युत पुरवठा कामाच्या रकमेची अर्थसंकल्पात तरतूद करण्याचा प्रस्ताव आयुक्त, आरोग्य सेवा, मुंबई यांनी त्वरीत शासनास सादर करावा.

६. सदर शासन निर्णय, वित्त विभागाच्या शासन निर्णय क्र.विअप्र-२०१३/प्र.क्र.३०/२०१३/ विनियम,भाग-२, दि.१७.०४.२०१५ सोबतच्या परिशिष्टातील वित्तीय अधिकार नियम पुस्तिका १९७८ मधील भाग-पहिला, उपविभाग-पाच मधील अनुक्रमांक १ येथील परिच्छेद क्र.१३४(१) अनुसार तसेच शासन निर्णय, वित्त विभाग क्र.विअप्र-२०१३/प्र.क्र.३०/१३/विनियम,भाग-२, दि.२०.०९.२०१९ मधील भाग-१ उपविभाग-पाच, परिच्छेद क्र. १३४(१), १३४(२) आणि १३४(३) नुसार प्रशासकीय विभागांना प्रदान करण्यात आलेल्या अधिकारान्वये निर्गमित करण्यात येत आहे.

सदर शासन निर्णय महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा संकेताक २०२५०६१२१५४१४७४११७ असा आहे. हा आदेश डिजीटल स्वाक्षरीने साक्षांकित करुन काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

MAHESH MADHUKAR LAD

Digitally signed by MAHESH MADHUKAR LAD
DN: cn=MAHESH MADHUKAR LAD, o, ou, email=mahesh.lad@nic.in, c=IN
Date: 2025.06.12 15:54:01 +05'30'

(महेश म. लाड)
अवर सचिव, महाराष्ट्र शासन.

प्रत,

१. महालेखापाल, महाराष्ट्र- १/२ (लेखा परिक्षा / लेखा व अनुज्ञेयता), मुंबई/ नागपूर.
२. संचालक, आरोग्य सेवा, मुंबई.
३. संनियंत्रक तथा मुख्य अभियंता, सार्वजनिक बांधकाम प्रादेशिक विभाग, पुणे.
४. सह संचालक, आरोग्य सेवा (रुग्णालये), मुंबई.
५. उप संचालक, आरोग्य सेवा पुणे मंडळ, पुणे.
६. जिल्हा शल्य चिकित्सक, सातारा.
७. कार्यकारी अभियंता, सार्वजनिक बांधकाम विभाग विद्युत विभाग, कोल्हापूर.

८. जिल्हा कोषागार अधिकारी, जि कोल्हापूर.

९. सार्वजनिक बांधकाम विभाग (इमा-२), मंत्रालय, मुंबई.

१०. अवर सचिव (अर्थसंकल्प), सार्वजनिक आरोग्य विभाग, मंत्रालय, मुंबई.

११. निवडनस्ती (पासु-२).

Work Abstract

Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
1	3.000	Supplying and erecting modular type switch 6A / 10A duly erected on provided plate and box with wiring connections complete.(1-6-1)	72.00	each	216.00
2	3.000	Supplying and erecting modular type 3 pin 6A multi socket with safety shutter duly erected on provided plate and box with wiring connections complete.(1-6-10)	112.00	each	336.00
3	3.000	Supplying and erecting PVC Surface modular switch box with double mounting plate for 3 module duly erected.(1-6-28)	148.00	each	444.00
4	3.000	Supplying and erecting bulk head LED fitting max. 10W with high transitivity diffuser with system lumens output of min. 1100 lumens min. efficacy of 110 lumen/W CRI>80 CCT upto 6500K Beam Angle of 120 deg. THD<10% p.f. >0.95 operating range of 140-260V in built surge protection of 2.5 kV Life class of 50 000 Hrs. at L70B50 including driver IP66 IK09 rated on provided PVC Block / wooden board with 3 years warranty.(2-1-15)	1416.00	each	4248.00
5	1.000	Supplying and erecting four pole ON LOAD change over switch 415V 400A open execution having staggered termination phase barrier shroud termination and terminal cover along with auxiliary contacts and ready to upgrade with fuse protection kit rotary handle operational current category AC23A complying to IS/IEC 60947-3 Part-1/3.(5-1-8)	23702.00	each	23702.00
6	1.000	Supplying and erecting triple pole mini feeder pillar with 500V 300A FPMCCB as incomer and 3 outgoing circuits with HRC fuse base and cartridge of 100A with aluminium bus bar erected in 14 SWG CRCA sheet box with supporting angles self locks gasket having IP54 IK10 protection and slanting top to be erected on provided foundation as per specification no. SW-SWR/MFP(5-2-2)	55346.00	each	55346.00
7	4.000	Supplying, erecting and marking TPMCB 6A to 32A with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB(5-3-10)	751.00	each	3004.00
8	1.000	Supplying, erecting and marking FPMCB 40A to 63A with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB(5-3-13)	1329.00	each	1329.00
9	1.000	Supplying and erecting triple pole and neutral distribution board (TPNDB) SP/TP MCBs total 4 ways /12 Poles with door 1.2mm thickness surface/flush mounted IP 43 Protection on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB(5-4-4)	4650.00	each	4650.00
10	2.000	Supplying and erecting CRCA sheet metal one way enclosures of 1.2mm thickness suitable for DP MCB /TP MCB/FP MCB/RCCB/RCBO complete erected on angle iron/GI frame.(5-4-13)	400.00	each	800.00

Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
11	1.000	Providing and erecting 4 Pole MCCB, 415 V, 100A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and fixed magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB with phase barriers on both sides, insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW-SWR/MCCB(5-5-1)	6264.62	each	6264.62
12	1.000	Providing and erecting 4 Pole MCCB 415V, 400A, rated short-circuit breaking capacity 36 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/ UV/ trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure /panel as per specification no. SW-SWR/MCCB(5-5-4)	22275.60	each	22275.60
13	1.000	Supplying, Erecting and Commissioning of 2 pole RCCB 40A electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB(5-6-2)	2207.00	each	2207.00
14	1.000	Supplying, Erecting and Commissioning of 4 pole RCCB 63A electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB(5-6-6)	2924.00	each	2924.00
15	1.000	Providing and erecting incoming and outgoing cable alleys suitable for MCCB panel board with door 250A incoming and 4 way outgoing or 400A incoming and 2 way outgoing made from CRCA sheet 1.6 mm thick duly powder coated and having vertical insulated partition for shielding between the shared face of cableway and DB.(5-7-12)	15760.00	Set	15760.00
16	1.000	Providing and erecting prewired meter module suitable for MCCB panel board with CTs and emfs VIF meter.(5-7-17)	12371.00	Set	12371.00
17	1.000	Providing and erecting floor/wall mounting MCCB panel board with door 1.2 mm thickness suitable for three pole incoming 400A 4 ways three pole outgoing up to 100A MCCB on iron frame compliant to IEC 61439 as per specification no SW-SWR/MCCBPB. (Excluding MCCBs)(5-7-21)	46544.00	each	46544.00
18	5.000	Supplying and erecting GI sheet 0.8 mm (22 SWG) having zinc coating of 275 microns with galvanization process compliance to IS 2629:1985 to be used for fabrication of boxes panel boards etc. including cutting bending drilling welding riveting etc. and painting with one coat of red lead paint and 2 coats of enamel paint.(6-1-3)	1440.00	sqm	7200.00
19	170.000	Supplying and erecting iron work sheet metal work consisting of CRCA sheets various sections of iron plates chequered plates rods bars MS pipes etc. for panel board or any other purpose with bending cutting drilling and welding complete erected at the position with necessary materials duly painted with one coat of red oxide and two coats of enamel paint to match the switchgears or as per directions by the authority.(6-1-19)	186.00	kg	31620.00
20	640.000	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 300 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL (Double Run 320 x 2 = 640m)(7-1-24)	1636.00	m	1047040.00

Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
21	25.000	Supplying, erecting & terminating FR XLPE insulated galvanised steel formed wire armoured (strip) cable 1100 V 2 core 4 sq mm copper conductor complete erected with glands & lugs on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/CU(7-2-9)	195.00	m	4875.00
22	25.000	Supplying, erecting & terminating FR XLPE insulated galvanised steel formed wire armoured (strip) cable 1100 V 4 core 10 sq. mm. copper conductor complete erected with glands & lugs on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU(7-2-33)	603.00	m	15075.00
23	600.000	Supplying and laying (including excavation) of suitable width & depth up to 90 cm) 160 mm outside dia, double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground/road surface, to required depth complete.(7-6-14)	496.00	m	297600.00
24	4.000	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification no. EA-EP(9-1-1)	4714.00	each	18856.00
25	1.000	Supplying, erecting, testing and commissioning of diesel generating set with alternator of 250 kVA output continuous rating, 3 Phase, 415 V, 50c/s 0.8 p. f. A.C supply, a totally enclosed air cooled / liquid cooled multi-cylinder diesel engine developing suitable BHP at 1500 rpm with 10% overload for 1 hour in 12 hours, along with standard accessories, self-excited, self-regulated, screen protected alternator with static excitation system running at 1500 RPM as per IS 4722-2001 with voltage regulation +/- 5 %, with performance class G2 and maximum fuel consumption 42.30 Ltr/hr @75% loading. Both the engine and alternator direct coupled on a common fabricated steel base frame and mounted on anti-vibrating pads with standard control panel comprising meters, switchgears, indicators connected with suitable wires/cables, the complete set enclosed in composite Acoustic enclosure as fully assembled integral unit made of 16 SWG CRCA Sheet, sound absorbing material to restrict sound level up to 75 dB at 1.0 m, provided with first filling of oil, diesel not less than 425 Ltr etc. on provided M20 Grade CC Foundation and obtaining necessary approval from Electrical Inspector as per specification no. GEN-DG(11-1-18)	1847424.00	each	1847424.00
26	1.000	Supplying, erecting, testing and commissioning of microprocessor based AMF panel suitable for diesel generating set of above 200 kVA up to 250 kVA capacity Three phase 415 Volts 50Hz A.C. with all standard features safeties etc as per specification no. GEN-AMF.(11-2-15)	204390.00	each	204390.00

Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
27	36.000	Providing fully comprehensive Annual Maintenance contract for 20 Passenger Stretcher (G +1) 1No,For Praposed G+1 Cath lab in Civil Hospital At satara Dist : Satara (for 3 years) Scope of work : A)Monthly servicing : 1) Ensure the smooth running of all the lifts as per provisions laid down in the relevant Indian Standards. The Maharashtra lift rules, escalators and moving walks act 2017 and relevant rules. 2)Examine all safety devices, Governors and make all the customer safety test and maintain it. Also examine ARD system and SMF batteries and maintain it. 3)Repairs to indicate a system including indicators lamps/LED push buttons etc. and replace if required. 4)Routine cleaning, oiling & greasing of car and counterweight Guides and guide shoes all leaves doors and all other moving parts. 5)Cleaning of entire lift car and all landing doors with polish using thin oil during servicing of lifts. Adjustment and repairs/replacement to controller, leveling device contactors, safty contacts, timing devices, mechanical/Electrical driving equipments. 7)Records of repairs/ servicing of each machine to be maintained in log book/ history sheet. First copy at machine room and second copy at company office. Also submit services report to subdivision office and without service report Payment procedure will not be initiated and company will be responsible for that. 8)Attending the breakdown calls with maximum 2 hours and immediately in case of emergency for around the clock on all working days as well as on holidays after communication to call centre or concern service engineer. B) Periodic Servicing : 1)Over hauling of lift machine, driving mechanism, bearing, ball bearings, break contacts, Linings and motor components and other mechanical parts at least once in 6 months. Also monitoring performance of 3VF drive units. Computer hardware as a software. Replacement of all about parts as and when required with painting as directed by the engineer in charge. 2)Examine all the wire ropes, belts as often as required to maintain adequate. C) General : 1)Repair and replacement of all major and minor parts of Lifts, machine worm gear, thrust bearing, drive shoes, hosting ropes and other mechanical and electro mechanical parts as and when required. And allied necessary accessories for safe operation of the lift installation. Also repair replacement of 3VF drive units computers hardware as well as software's as and when required are included in this job. 2) Whenever needed as per the requirements, when initimated in the advance mechanic and one helper should be available on site at top lift, landing of site, maintenance office still working of meeting/ function and in case emergency at site. 3)To carry out quarterly rescue training for all liftman, wireman, watchman and user department to be trained for emergency evacuation. Penalty will be applicable Rs 250 rupees per day if not attending breakdown call within 24 hours not Included in this job : 1) Replacement of major parts of lifts such as lift Cabin, hoist way enclosure, door and frame, electrical motor gearbox control panel, LOP, COP, Wire ropes, ...	7072.00	per mon	254592.00

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Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
		speed Governor, traction Pulley, travelling cables, electrical light fittings are not included in the job, but repairs of the same includes.			
28	7.000	Making cement concrete foundation in 1:3:6 cement concrete (20 to 25) mm. stone metal duly plastered with necessary curing for complete. (pole muffing or any other purpose). (For D.G 2x 1.5 x 1.5 & For Shed 2)(16-3-7)	3435.00	cum	24045.00

Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
29	1.000	SITC of Electric Traction Passenger cum Stretcher/Hospital Lift with · Rated capacity :- 20 Passenger/1360Kg · Floors :- G+1 floor (2 Stops/2 Landings) · Travel :- 3 to 4.2 mtrs · Location of Lift Machine:- MR/MRL · Rated speed :- 1.0mps VS · Car/Landing door clear opening of 1100/1200 mm wide x 2000 mm high · Clear Car size of 1300.mm wide x 2400 .mm deep x 2250mm high · Lift shaft available having clear size of 2700mm wide x 3000mm deep 1500 mm Pit depth 2500 mm Overhead. · Doors type :- COPO/TOPO Doors with frame made from SS 304 grade solid(non-cladded) sheet of 1.5mm thick in hairline finish for car and all landing doors with SS door architraves/frames The lift doors shall have minimum 1 hour fire rating (with submission of necessary valid test certificate issued by NABL accredited or Independent test laboratory) · Lift car enclosure made from SS 304 grade solid (non-cladded) sheet of 1.5mm thick with hairline finish with frame made from MS girders bracing of adequate size with minimum safety factor of 5 with Toe Guard Apron with necessary false ceiling with adequate LED lights blower/fan for ventilation & SS chequered plate flooring handrails mirror emergency light etc. The lift car interior design shall be done as per the directions of engineer in charge. · COP with SS face plate having metallic push buttons with Braille code & luminous indicator around button with FPI scrolling UP/DN LED indicator & with / without attendant key switch OWD with audio-visual alarm VAS in Marathi Hindi & English with intercom system with telephone instrument in Lift car LMR & FCC/ground floor. · LOP with SS face plate having recess/surface push button box for all landings with scrolling UP/DN LED indicator having metallic push buttons with Braille code & luminous indicator around button with CPI Lift car arrival & next travel direction audio-visual indication at all landings. · Lift controller based on microprocessor/ PLC with VVVF Drive having closed loop control system with IBMS compatible having necessary port. The controller shall have necessary protections such as overcurrent overvoltage over speed overheat for all devices including lift motor and travel direction protection protection for phase loss at input or output etc. various operation modes such as maintenance change direction by attendant full load bypass VIP call operation self levelling operation call cancel facility auto return to home landing fireman evacuation operation earthquake operation door open/close operation from COP etc. The system can record information for minimum 30 latest faults with real-time clock management and handheld keypad with LCD screen for view and setting of parameters The control panel duly wired with proper size & strength copper wire for power & control circuit with provision for addition of floor/control card & allied accessories control panel having enclosure of 1.5mm CRCA sheet with [illegible]	1934721.00	job	1934721.00

Estimate No. : 132235 of 2025-2026

Name of work : Providing Passenger Cum Stretcher Lift,Supply Arrangement, D.G Set For Newly Proposed Cath Lab In The Campus Of District Civil Hospital At Satara,Tal-Satara,Dist-Satara

Sr.No.	Quantity	Item Description	Rate	Unit	Amount
		· CCTV surveillance system comprises of 2nos minimum 2.0MP FHD IP based vandal proof Dome camera in lift car & in LMR/inside lift shaft top aimed on Lift machinery & controller with NVR kept in LMR/FCC with HDR data backup for min. 90 days with min. 20" FHD TV monitor to be kept in FCC/LMR as directed by Engineer In Charge. · Lift Machine of Gearless PMSM of suitable kW with duty cycle of minimum 120 starts/hr (with submission of necessary valid test certificate issued by NABL accredited or Independent test laboratory) with Traction pulley OSG electromagnetic brakes entire assembly mounted on adequate size girders duly fixed on LMR floor/ shaft walls complete with main/diverter traction sheaves suspension wire ropes/belts of adequate size & strength. · Other mechanical parts such as T section adequate size guide rails for car & counter weight with brackets fasteners counter weight frame with necessary blocks buffers with necessary support arrangement MS pit ladder etc. erected with necessary steel work. · Minor civil work such as alteration work if any necessary for erection of landing door frames and its accessories e.g. sill header hole pass etc complete with plaster finish civil work for erection buffers erection of lift machinery adequate size core cuts if required & scaffolding for erecting guide rails providing and fixing steel girders/RCC work having adequate strength for mounting and hoisting lift machine etc. complete as per specification no. LFT. "· General: - Job includes entire procedure of obtaining all necessary erection permissions & ""License to Work the Lift"" from Electrical Inspector(Lifts) with submission to the Engineer In Charge. · The above rate includes Fully Comprehensive AMC for one year from the date of commissioning."(17-1-10)			
		Total for Work Portion	**Rs.**		**5889859.22**
		1. Contigency [3.00%]	Rs.		176695.78
		2. G.S.T. [18.00%]	Rs.		1091979.90
			Grand Total (Rs.)		**7158534.90**
			Say (Rs.)		**7158535.00**

100% Arithmetically checked by me

Civil Surgeon, Satara

Assistant Engineer G-II
Satara Electrical Sub Div
N0-2

Deputy Engineer
P.W.D Electrical Sub Division,
Satara

Executive Engineer
P. W. D .Electrical
Division, Kolhapur

Recommended for Technical Approval

Technical Approval

Superintending Engineer (Elect.)
Pune Regional Elect. Circle.

Chief Engineer
Public Works Region, Pune